



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



DEC 15 2014

Raymond Rodriguez
California Resources Elk Hills, LLC
PO Box 1001
Tupman, CA 93276

RE: Final – Authority to Construct/Certificate of Conformity (Minor Mod)
Facility Number: S-382
Project Number: S-1142587

Dear Mr. Rodriguez:

The Air Pollution Control Officer has issued the Authority to Construct permits to California Resources Elk Hills, LLC for three electric-driven compressors, at western Kern County.

Enclosed are the Authority to Construct permits and invoice for the engineering evaluation fees pursuant to District Rule 3010. The District's analysis of the proposal was sent to US EPA Region IX on September 22, 2014. No comments were received following the District's preliminary decision on this project.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,

Arnaud Marjollet
Director of Permit Services

AM:

Enclosures

Sayed Sadredin

Executive Director/Air Pollution Control Officer

cc: Gerardo C. Rios, EPA (w/enclosure) via email

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



AUTHORITY TO CONSTRUCT

PERMIT NO: S-382-867-0

ISSUANCE DATE: 12/04/2014

LEGAL OWNER OR OPERATOR: CALIFORNIA RESOURCES ELK HILLS, LLC
MAILING ADDRESS: PO BOX 1001

TUPMAN, CA 93276

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
KERN COUNTY, CA

SECTION: SW 28 **TOWNSHIP:** 30S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

1600 HP OR GREATER ELECTRIC MOTOR DRIVEN NATURAL GAS COMPRESSOR OPERATED AT VARIOUS
UNSPECIFIED LOCATIONS WITHIN S-382 LIGHT OIL WESTERN STATIONARY SOURCE

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Permittee shall notify District of exact horsepower of compressor during startup inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The equipment shall not be located within 1,000 feet of any K-12 school. [CH&SC 42301.6]
5. Permittee shall notify the District Compliance Division of each location at which the unit is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 1070] Federally Enforceable Through Title V Permit
6. Units S-382-867, S-382-868, and S-382-869 may only operate within facility S-382. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

S-382-867-0 : Dec 4 2014 9:48AM - EDGEHILR : Joint Inspection Required with EDGEHILR

7. Units S-382-867, S-382-868, and S-382-869 may not operate within 300 meters (984 feet) of the nearest receptor. [District Rule 4102]
8. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Permittee shall maintain with the permit accurate fugitive component counts and resulting emissions calculated using (ALR) equations for a 2,000 ppmv leak threshold included in EPA, "Protocol for Estimating Leak Emissions" (EPA - 453/R-95-017, November 1995). [District Rule 2201] Federally Enforceable Through Title V Permit
10. A leak-free condition is defined as a condition without a gas leak or a liquid leak. A gas leak is defined as a reading in excess of 2,000 parts per million by volume (ppmv), as methane, above background on a portable hydrocarbon detection instrument that is calibrated to methane in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as the dripping of organic liquid at a rate more than 3 drops per minute. A gas or liquid leak is a violation of this permit and shall be reported as a deviation. [District Rule 2201] Federally Enforceable Through Title V Permit
11. VOC fugitive emissions shall not exceed 0.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOCs: 66 lb/quarter. Offsets include the applicable offset ratio specified in Section 4.8 of Rule 2201 (as amended 4/21/11). [District Rule 2201] Federally Enforceable Through Title V Permit
13. ERC Certificate Number S-3982-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: S-382-868-0

ISSUANCE DATE: 12/04/2014

LEGAL OWNER OR OPERATOR: CALIFORNIA RESOURCES ELK HILLS, LLC

MAILING ADDRESS: PO BOX 1001
TUPMAN, CA 93276

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
KERN COUNTY, CA

SECTION: SW 34 **TOWNSHIP:** 30S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

1600 HP OR GREATER ELECTRIC MOTOR DRIVEN NATURAL GAS COMPRESSOR OPERATED AT VARIOUS UNSPECIFIED LOCATIONS WITHIN S-382 LIGHT OIL WESTERN STATIONARY SOURCE


CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Permittee shall notify District of exact horsepower of compressor during startup inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The equipment shall not be located within 1,000 feet of any K-12 school. [CH&SC 42301.6]
5. Permittee shall notify the District Compliance Division of each location at which the unit is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 1070] Federally Enforceable Through Title V Permit
6. Units S-382-867, S-382-868, and S-382-869 may only operate within facility S-382. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services

S-382-868-0 : Dec 4 2014 9:48AM - EDGEHILR : Joint Inspection Required with EDGEHILR

7. Units S-382-867, S-382-868, and S-382-869 may not operate within 300 meters (984 feet) of the nearest receptor. [District Rule 4102]
8. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Permittee shall maintain with the permit accurate fugitive component counts and resulting emissions calculated using (ALR) equations for a 2,000 ppmv leak threshold included in EPA, "Protocol for Estimating Leak Emissions" (EPA - 453/R-95-017, November 1995). [District Rule 2201] Federally Enforceable Through Title V Permit
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14. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: S-382-869-0

ISSUANCE DATE: 12/04/2014

LEGAL OWNER OR OPERATOR: CALIFORNIA RESOURCES ELK HILLS, LLC

MAILING ADDRESS: PO BOX 1001
TUPMAN, CA 93276

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
KERN COUNTY, CA

SECTION: SW 10 **TOWNSHIP:** 31S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

1600 HP OR GREATER ELECTRIC MOTOR DRIVEN NATURAL GAS COMPRESSOR OPERATED AT VARIOUS UNSPECIFIED LOCATIONS WITHIN S-382 LIGHT OIL WESTERN STATIONARY SOURCE

CONDITIONS

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